

What is claimed is:

- 1           1.       A method for communicating between a camera and a computer,  
2 comprising:  
3               determining whether it is possible to transmit data at a requested resolution  
4 and a requested frame rate; and  
5               if not, transmitting the data at an adjusted resolution.
- 1           2.       The method of claim 1, wherein the adjusted resolution comprises a  
2 decreased resolution.
- 1           3.       The method of claim 1, further comprising transmitting the data at the  
2 requested frame rate.
- 1           4.       The method of claim 1, wherein the act of determining comprises  
2 determining an available bandwidth for communications between the camera and the  
3 computer.
- 1           5.       The method of claim 4, wherein the act of determining comprises  
2 periodically evaluating the available bandwidth.
- 1           6.       The method of claim 1, wherein the act of determining comprises  
2 testing for available packet sizes for transmitting the data.

Sub  
B1

1 7. An article comprising a processor readable storage medium including  
2 instructions that cause a processor to:  
3 determine whether it is possible transmit data between a camera and a  
4 computer at a requested resolution and a requested frame rate; and  
5 if not, interact with the camera to transmit the data at an adjusted  
6 resolution.

1 8. The article of claim 7, wherein the adjusted resolution comprises a  
2 decreased resolution.

1 9. The article of claim 7, wherein the instructions to determine comprise  
2 instructions to cause the processor to transmit the data at the requested frame rate.

1 10. The article of claim 7, wherein the instructions to determine comprise  
2 instructions to cause the processor to determine a usable bandwidth for communications  
3 between the computer and the camera.

1 11. The article of claim 10, wherein the instructions to determine comprise  
2 instructions to cause the processor to periodically evaluate the available bandwidth.

1 12. The article of claim 7, wherein the instructions to determine comprise  
2 instructions to cause the processor to test for available packet sizes to transmit the data.

1 13. A computer system comprising:  
2 a communication link;  
3 a camera to communicate image data to the communication link; and  
4 a computer to:  
5 receive the image data from the communication link,  
6 determine whether it is possible to transmit the data at a requested  
7 resolution and frame rate, and  
8 if not, interact with the camera to transmit the data at an adjusted  
9 resolution.

1 14. The computer system of claim 13, wherein the adjusted resolution  
2 comprises a decreased resolution.

1 15. The computer system of claim 13, wherein the determination includes  
2 determining a usable bandwidth for transmissions between the camera and the computer.

1 16. The computer system of claim 13, wherein the determination of the usable  
2 bandwidth comprises testing for available packet sizes for transmitting the data.

1 17. The computer system of claim 13, wherein the computer further interacts  
2 with the camera to transmit the data at the requested frame rate.

1 18. The computer system of claim 13, wherein the computer further interacts  
2 with the camera to transmit the data at the requested resolution if it is possible to transmit  
3 the data at the requested resolution and the requested frame rate.

add A1  
ADD C1  
add 5'